

METHOD FOR MANUFACTURING OLEFINIC BLOCK COPOLYMER

Publication number: JP2002206007 (A)

Publication date: 2002-07-26

Inventor(s): ASAI MICHIIHIKO; SUZUKI YASUZO; MIYAZAWA SATORU; TSUCHIHARA KENJI; HAGIWARA HIDEAKI; MURATA MASAHIDE; OZAKI HIROYUKI; KAWABE MASANAQ; KASE TOSHIO; HOAN TE BAN; JIN JIJU; FUKUI YOSHIFUMI +

Applicant(s): NAT INST OF ADV IND & TECHNOL; NIPPON STEEL CHEMICAL CO; TONEN SEKIYUKAGAKU KK; NIPPON ZEON CO; KANEGAFUCHI CHEMICAL IND +

Classification:

- **international:** C08L53/00; C08F4/643; C08F4/645; C08F4/659; C08F4/6592; C08F293/00; C08L53/00; C08F4/00; C08F293/00; (IPC1-7): C08F4/643; C08F4/645; C08F293/00; C08L53/00

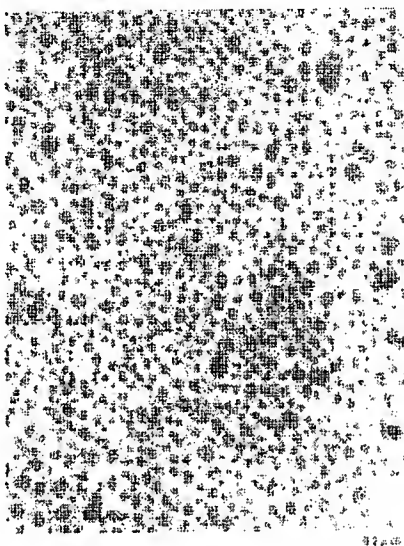
- **European:**

Application number: JP20010082588 20010322

Priority number(s): JP20010082588 20010322 ; JP20000340565 20001108

Abstract of JP 2002206007 (A)

PROBLEM TO BE SOLVED: To manufacture an olefinic block copolymer having a small molecular weight distribution (Mw/Mn). **SOLUTION:** The olefin block copolymer having a molecular weight distribution (Mw/Mn) of 1-1.3 is manufactured by subjecting a 2-20C olefinic monomers to block polymerization at a low temperature in the presence of a catalyst consisting of (A) a hafnium- or zirconium-containing compound having one or two cyclopentadienyl skeletons and (B) a triphenyl boron compound or a tetraphenyl boron salt compound, and optionally a specific mono-, di- or trialkyl aluminum compound. In some case, an obtained propylene block copolymer is blended with a propylene (co)polymer other than the propylene block copolymer, and this results in obtaining a propylene block copolymer composition in which the copolymer is dispersed in a very fine state.



Data supplied from the *espacenet* database — Worldwide